

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|----------|---|---|------------------|---------|------------------|
| S1 | 2 | "736765".ap. | US-PGPUB | OR | ON | 2005/12/30 10:28 |
| S2 | 47920 | (DMA (direct adj memory adj access)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/30 11:10 |
| S3 | 50579 | (multi\$1process\$3 multi\$1control\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/30 11:25 |
| S4 | 1060365 | (input\$1output i\$1o (input adj output)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/30 11:11 |
| S5 | 297 | S2 SAME S3 SAME S4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/30 11:13 |
| S6 | 13 | S2 NEAR5 S3 NEAR5 S4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/30 11:12 |
| S7 | 96242 | cache | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/30 11:12 |
| S8 | 77 | S2 SAME S3 SAME S4 SAME S7 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/30 11:16 |
| S9 | 0 | S2 NEAR5 S3 NEAR5 S4 NEAR5 S7 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 14:04 |
| S10 | 6 | S2 NEAR10 S3 NEAR10 S4 NEAR10 S7 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/30 11:16 |
| S11 | 11125306 | (process\$3 control\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/30 11:27 |
| S12 | 58 | S2 NEAR5 S11 NEAR5 S4 NEAR5 S7 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/30 11:45 |
| S13 | 2 | "6785793".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/05 15:12 |

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| S14 | 2 | "20050144388".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/30 11:56 |
| S15 | 16 | (TETRICK NEAR RAYMOND).in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/30 12:45 |
| S17 | 270 | (skip by\$1pass) SAME ((main primary) NEAR2 (memory)) SAME (cache) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/30 12:47 |
| S18 | 84 | (skip by\$1pass) NEAR10 ((main primary) NEAR2 (memory)) NEAR10 (cache) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/30 12:47 |
| S19 | 8 | (RAM NEAR HUGGAHALLI).in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/03 10:18 |
| S20 | 583 | (transfer) WITH (direct directly) WITH (processor control\$4) WITH (cache) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/03 10:20 |
| S21 | 58 | (transfer) NEAR3 (direct directly) NEAR3 (processor control\$4) NEAR3 (cache) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 16:11 |
| S22 | 20 | ("4371929" "4723223" "5261072" "5263142" "5553307" "5742933" "5745707" "5822616" "5825878" "5933848" "6128684" "6145026" "6219759" "6230241" "6260126" "6338119" "6345320" "6378050").PN. OR ("6574682").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/04 10:57 |
| S23 | 13 | ("5247648" "5915104" "6003106").PN. OR ("6230241").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/03 12:37 |
| S24 | 26 | multi\$1processor SAME processor SAME cache SAME (DMA (direct adj memory adj access)) SAME (input\$1output "io" (input adj output)) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/03 12:39 |
| S25 | 527 | (memory adj mapped adj input adj output) MMIO | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/03 13:29 |
| S26 | 324 | (memory adj mapped adj input adj output) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/03 13:29 |
| S27 | 94 | S25 NEAR2 register | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/03 13:33 |

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|-----|---------|---|---|----|-----|------------------|
| S28 | 8 | (S25 NEAR2 register) and cache | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/03 13:30 |
| S29 | 4 | (direct adj cache adj access) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/03 13:37 |
| S30 | 1 | ("6353877").PN. | US-PGPUB; USPAT | OR | OFF | 2006/01/03 13:37 |
| S31 | 8 | ((("6353877") or ("20020166031") or ("20020095554") or ("6182111") or ("5797026") or ("5537574") or ("6012127") or ("5944780")).PN. | US-PGPUB; USPAT | OR | OFF | 2006/01/03 15:19 |
| S32 | 1060829 | (input\$1output i\$1o (input adj output)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/03 15:39 |
| S33 | 4 | (routing near2 (information data)) NEAR5 ((S32) NEAR2 traffic) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/03 15:40 |
| S34 | 2 | ((("6839816") or ("6101574")).PN. | US-PGPUB; USPAT | OR | OFF | 2006/01/04 11:36 |
| S35 | 565 | (transfer write) WITH (input\$1output "io" "i/o" (input adj output)) WITH (processor target) WITH (cache) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 11:37 |
| S36 | 1 | (transfer write) NEAR2 (input\$1output "io" "i/o" (input adj output)) NEAR2 (processor target) NEAR2 (cache) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 11:38 |
| S37 | 103 | (transfer write) NEAR5 (input\$1output "io" "i/o" (input adj output)) NEAR5 (processor target) NEAR5 (cache) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 11:38 |
| S38 | 11 | ("4775955" "5301287" "5881229" "5900017" "5923898" "6026461" "6119150" "6347360" "6430639" "6553430" "6647453").PN. OR ("6934806").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/04 11:50 |
| S39 | 30 | ("4816997" "5032985" "5119485" "5131083" "5146603" "5191649" "5197144" "5226150" "5301298").PN. OR ("5586297").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/04 12:56 |
| S40 | 71 | ("6651145" "20030105796" "6775748").pn. ("039060" "199580" "073492" "303931" "335131" "123401" "316276" "316785" "262363" "338207" "357780" "331688" "620629" "746487").ap. | US-PGPUB; USPAT | OR | ON | 2006/01/04 13:31 |
| S41 | 31 | (edirisooriya).in. | US-PGPUB; USPAT | OR | ON | 2006/01/04 13:24 |
| S42 | 153 | jamil.in. | US-PGPUB; USPAT | OR | ON | 2006/01/04 13:31 |
| S43 | 34 | (sujat NEAR jamil).in. | US-PGPUB; USPAT | OR | ON | 2006/01/04 13:44 |
| S44 | 12 | (determin\$3) WITH (transfer\$4 store) WITH (\$5processor NEAR2 cache) WITH (main NEAR2 memory) | US-PGPUB; USPAT | OR | ON | 2006/01/04 13:49 |
| S45 | 687 | (710/33).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/01/04 14:05 |

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|-----|------|---|---|----|-----|------------------|
| S46 | 315 | (710/35).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/01/04 14:05 |
| S47 | 486 | (710/38).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/01/04 14:06 |
| S48 | 111 | (S45 S46 S47) AND (cache same (main NEAR2 memory)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 14:07 |
| S50 | 108 | (S45 S46 S47) AND (processor NEAR2 (cache (internal adj memory) "L1" "L2")) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/05 11:03 |
| S51 | 32 | (S45 S46 S47) AND ((processor NEAR2 (cache (internal adj memory) "L1" "L2")) SAME ((main NEAR2 memory))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/05 11:11 |
| S52 | 305 | (direct NEAR2 cache NEAR2 access) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 16:12 |
| S53 | 46 | (direct NEAR cache NEAR access) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 16:14 |
| S54 | 1 | ("6535958").PN. | US-PGPUB; USPAT | OR | OFF | 2006/01/04 16:14 |
| S55 | 48 | ("5761446" "5276849" "5652915" "5758104" "5802323" "6226704" "6226704" "6230227" "6904480" "6078981" "5634043" "6134635" "6145062" "5682516" "5860159" "5862316" "5892970" "5897657" "5950226" "5958019" "5983326" "6061764" "6061764" "6209068" "6332169" "6378048" "6845486" "6918067" "6976132" "5233702" "5285527" "5502828" "5530825" "5822562" "4483003" "5297281" "5371894" "5526500" "5666505" "5671385" "5687338" "5701435" "5737564" "5765022" "5802386" "5878237" "5889986" "5892934" "5895485" "5906000").pn. | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2006/01/05 09:47 |
| S56 | 50 | ("5930484" "6061786" "6134649" "6167506" "6199154" "6253316" "6367001" "6388943" "6393529" "6449714" "6473849" "6721150" "5944809" "6041377" "6141692" "5764934" "5896513" "6249830" "5469562" "5481699" "5551005" "5572702" "5577204" "5701422" "5715428" "5761444" "5797026" "5859975" "5867728" "5893160" "5909699" "5913227" "6012085" "5269005" "5452459" "5453979" "5528592" "5553264" "5560027" "5572703" "5615334" "5630094" "5682514" "5768548" "5772512" "5778441" "5796977" "5826045" "5835943" "5870625").pn. | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2006/01/05 10:07 |
| S57 | 49 | ("5923857" "5930522" "5930822" "5941964" "5961621" "6044207" "6044437" "6049845" "6052760" "6115796" "6119243" "6134632" "6141734" "6188248" "6247091" "6260061" "6292906" "6298420" "6339787" "6401173" "6460119" "6467000" "6467031" "6470427" "6487621" "6499085" "6529968" "6535584" "6598120" "6598140" "6611906" "6651115" "6668309" "6760786" "6766360" "6928520" "6959361" "6968329" "5621900" "5796791" "5951663" "6108778" "6134656" "6287765" "6421613" "6134654" RE35794 "5778427" "6035376").pn. | US-PGPUB; USPAT; EPO; JPO; IBM_TDB | OR | ON | 2006/01/05 10:08 |
| S58 | 1052 | (710/107).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/01/05 11:35 |

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| S59 | 139 | (S58) AND (processor NEAR2 (cache (internal adj memory) "L1" "L2")) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/05 11:04 |
| S60 | 43 | (S58) AND ((processor NEAR2 (cache (internal adj memory) "L1" "L2")) SAME ((main NEAR2 memory))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/05 11:35 |
| S61 | 289 | (711/138).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/01/05 11:35 |
| S62 | 65 | (S61) AND ((processor NEAR2 (cache (internal adj memory) "L1" "L2")) SAME ((main NEAR2 memory))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/05 12:15 |
| S65 | 381 | (skip by\$1pass) NEAR10(memory) | JPO | OR | ON | 2006/01/05 12:17 |
| S66 | 248 | (skip by\$1pass) NEAR5 (memory) | JPO | OR | ON | 2006/01/05 12:17 |
| S67 | 16 | (skip by\$1pass) NEAR5 (memory) NEAR5 (cache) | JPO | OR | ON | 2006/01/05 12:17 |
| S68 | 114 | ((i\$1o input\$1output (input adj output)) NEAR (driver)) SAME (cache) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/05 15:14 |

NPL Search Notes – 01/06/2006

IEEE Xplore:

1. (skip OR by*pass) <paragraph> (memory) <paragraph> (cache) – (17)
2. direct <near/2> cache <near/2> access – (1)
3. direct <near/10> cache <near/10> access – (36)
4. (("IO" OR input*output OR i*o) <NEAR/2> (driver)) <NEAR/5> (cache) – (1)